10/582246

AP3 Rec'd PCT/PTO 39 JUN 2004

Attorney Docket No. 2003P01540WOUS

#### UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Egbert Classen et al

Application Number:

Unassigned

Filing Date:

Concurrently Herewith

Group Art Unit:

Examiner:

Title:

DISHWASHING MACHINE HAVING A DOSING DEVICE

FOR ADDITIVES AND ASSOCIATED METHOD

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

#### INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" (Form PTO/SB/08A) with patents and/or publications as delineated therein attached.

EP 0 392 196 discloses that in a filling-level monitoring device for a supply and dispensing unit for washing or rinsing agents, the container filling levels (TF) at which a signalling device responds in order to indicate the need for replenishing a washing or rinsing agent each correspond to a residual filling quantity (RFM) in each container (BV,BF,BW,BB) which is sufficient for at most five doses of the same agent, each of at most 120 ml. This gives a request for replenishment some degree of urgency, and therefore the attendant will fill up the particular container as soon as possible while inconvenience will be avoided.

DE 195 11 789 discloses a volumetric dispensing and discharging unit for liquid detergents and additives is for household washing machines and dishwashers. It has a dispensing chamber with an adjustable volume controlled by a control unit (31) operated by means of a timer (32). The control unit (31) controls the transfer of detergent and additives from a container (110) into the dispensing chamber and then from there into the washing space (37) of the machine. An additional device (23) is provided for regulating a changeable

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volume of the dispensing chamber in accordance with changing amounts of detergent and additives to be introduced into the wash space of the machine.

DE 100 10 194 discloses the production of micro- and/or nano-capsules comprises mixing together the starting materials for the capsules under laminar conditions and encapsulating in the conventional manner.

DE 38 12 109 discloses that the chamber-like detergent-feeding devices built into a door of a dishwasher can be closed by a lid. They serve to receive powdered detergent and clear rinses. The detergent-feeding device is also to be suitable for liquid detergent. In order to be able to add liquid detergent in a precisely metered amount into the cleaning chamber of the appliance, a motor-driven pump in connection with a storage container for the detergent is arranged in the device housing. With the detergent-feeding device, a defined amount of detergent is sucked out of the storage container via the pump and dispensed into the appliance in a precisely metered fashion via a dispensing part.

DE 40 18 582 discloses that the commercial dishwasher has at least one washing-tank (7) for circulating washing-water (2). It has a supply-pipe (3) for a liq. washing-agent (6), with a metering-pump (8) in the supply-pipe (3). Directly in front of the opening into the washing-tank (7) in the supply-pipe (3) is an injector nozzle (9) with a suction-pipe (10) to at least one storage container (1) for a liq. additive (12).

DE 32 37 785 discloses that an apparatus for the individual metered conveyance of a plurality of pumpable active substances from a respective supply container into a common working container and for mixing the conveyed active substances with a working medium is to be so reduced in size and simplified that no cost-related obstacles oppose its use for consumer products. The solution for achieving this object is that the supply containers (1-5) and a working-medium intake line (11) can be connected via individually controllable valves (12-17) to a collecting channel (19), the collecting outlet (20) of which can be connected to the working container (35) via a pump (21) closing in an air-tight manner. Such an apparatus can advantageously be employed for the individual metered conveyance of pumpable detergent active substances, to be mixed with the working medium water, from supply containers into the tub of a washing machine.

If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" is included with the aforementioned copies of those applications, patents and/or publications,

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it is because no existing translation is readily available to the Applicants. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted

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Russell W. Warnock

Registration No. 32,860

June 9, 2006

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Substitute for form 1449/PTO

Sheet 1

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 3

| Complete it Known      |                       |  |  |
|------------------------|-----------------------|--|--|
| Application Number     | Unassigned            |  |  |
| Filing Date            | Concurrently Herewith |  |  |
| First Named Inventor   | Egbert Classen et al  |  |  |
| Art Unit               |                       |  |  |
| Examiner Name          |                       |  |  |
| Attorney Docket Number | 2003P01540WOUS        |  |  |

|                    |                          |  | U. S. PATENT                | DOCUMENTS  |   |
|--------------------|--------------------------|--|-----------------------------|--|---|
| Examiner Initials* | Cite<br>No. <sup>1</sup> | Document Number  Number-Kind Code <sup>2 (# known)</sup> | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
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| Examiner Cite            | Cite<br>No.1 |   | Publication<br>Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages |                |
|                          |              | Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known) | MM-DD-YYYY          |  | Or Relevant Figures Appear                        | T <sup>6</sup> |
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|                          |              | DE 195 11 789   | 10-05-1995          | Paolo Fornasari                                    |   |                |
|                          |              | DE 100 10 194   | 09-13-2001          | Dr. Ilona Lange et al                              |   |                |

| Examiner  |   | Date       |  |
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| Signature |   | Considered |  |
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PTO/SB/08A (08-03)

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|                                   |                  | First Named Inventor   | Egbert Classen et al  |  |  |
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| Sheet 2                           | of 3             | Attorney Docket Number | 2003P01540WOUS        |  |  |

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|                    |                          | AT 006 023  | 03-25-2003          | Hagleitner Betriebshygic                           |   |                |  |
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|                    |                          | GB 2 288 191  | 10-11-1995          | Robert A. Butler                                   |   | ~              |  |
|                    | ľ                        | DE 40 18 582  | 12-12-1991          | Friedel Rings                                      |   |                |  |

| Examiner  | Date       |  |
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| STATEM                            | ENT BY APPLICANT | Art Unit               |                       |  |
| (Use as many sheets as necessary) |                  | Examiner Name          |                       |  |
| Sheet 3                           | of 3             | Attorney Docket Number | 2003P01540WOUS        |  |

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